

ABSTRACT OF THE DISCLOSURE

[0034] A water purifier includes a filter having a cylindrical chamber formed with an inner wall, an outer wall and a bottom. A ceramic layer of granular ceramic particles and at least a pair of magnetic layers each comprising an annular magnet and magnetite particles are provided above or below the ceramic layer in the chamber. The annular magnets are arranged in such a way that the same polarities of adjacent annular magnets are facing each other, and the direction of the magnetic lines of force is parallel to the direction of flow of the water. Water molecules are activated while passing through the magnetic field produced by the magnetic layers of annular magnets and magnetite particles which are magnetized by the annular magnets.